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| Name:  | Commissioner of Patents<br>Attn: Ann Y. Lam   |
| Phone:   |   |
| Art Unit:  | 1641  |
| From:  | Robert A. Green, Reg. No. 28,301 <i>RA</i>  |
| Re:  | Application No. 09/927,779, Filed August 9, 2001<br>Entitled: ACTIVE NEMS ARRAYS FOR BIOCHEMICAL ANALYSES |
| File:  | C766:45129  |

I hereby certify that the following is being facsimile transmitted to the Patent and Trademark Office on November 30, 2004:

1. RESPONSE TO REQUIREMENT FOR RESTRICTION
2. Amendment Transmittal

  
R.L. Milton

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**Christie, Parker & Hale, LLP**  
350 West Colorado Boulevard  
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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**AMENDMENT TRANSMITTAL LETTER***I hereby certify that the following is being facsimile transmitted to the Patent and Trademark Office on November 30, 2004.*  
R.L. Milton

Applicant : Michael L. Roukes, et al.  
 Application No. : 09/927,779  
 Filed : August 9, 2001  
 Title : ACTIVE NEMS ARRAYS FOR BIOCHEMICAL ANALYSES  
 Grp./Div. : 1641  
 Examiner : Ann Y. Lam  
 Docket No. : 45129/RAG/C766  
 Customer No. : 23363

CONFIRMATION NO. 5454

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Post Office Box 7068  
 Pasadena, CA 91109-7068  
 November 30, 2004

Commissioner:

Enclosed is an amendment to the above-identified application.

| CLAIMS AS AMENDED   |  |                               |                           |                         |                         |               |
|---|--|-------------------------------|---------------------------|-------------------------|-------------------------|---------------|
|   | Claims<br>Remaining After<br>Amendment | Highest<br>Number<br>Paid For | Number<br>Extra<br>Claims | Small<br>Entity<br>Rate | Large<br>Entity<br>Rate | FEE           |
| Total Claims Fee  | 29 + 1                                 | *32 + 1                       | 0                         | x \$9.00                | x \$18.00               | 0             |
| Independent Claims  | 2                                      | ** 4                          | 0                         | x \$43.00               | x \$86.00               | 0             |
| <b>TOTAL FILING FEE</b>   |  |                               |                           |                         |                         | <b>\$0.00</b> |
| <b>LIST INDEPENDENT CLAIMS: 1 and 27</b>                                      |  |                               |                           |                         |                         |               |
| * IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 |  |                               |                           |                         |                         |               |
| ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3  |  |                               |                           |                         |                         |               |

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER &amp; HALE, LLP

By 

Robert A. Green, Esq.

Reg. No. 28,301

626/795-9900

RAG/rlm  
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November 30, 2004*

  
R.L. Milton

|              |   |                       |
|--------------|---|-----------------------|
| Appln. No.   | : 09/927,779                                  | Confirmation No. 5454 |
| Applicant    | : Michael L. Roukes, et al.                   |                       |
| Filed        | : August 9, 2001                              |                       |
| Title        | : ACTIVE NEMS ARRAYS FOR BIOCHEMICAL ANALYSES |                       |
| TC/A.U.      | : 1641  |                       |
| Examiner     | : Ann Y. Lam                                  |                       |
| Docket No.   | : 45129/RAG/C766                              |                       |
| Customer No. | : 23363                                       |                       |

**RESPONSE TO REQUIREMENT FOR RESTRICTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
November 30, 2004

Commissioner:

In response to the requirement for restriction mailed November 1, 2004, in the referenced application, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.